NO.NC/QC/BTP/2020-21/SB/W5-1

Date: 15-07-2021

To,
The Executive Engineer,
BBBMP Byatarayanapura Division
Bangalore.

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work: Improvements to Roads and Drains at Bhagath Enclave, Kalidasa layout, Chamundeshwari nagara, Babanagar, Srirampura, MCECHS Layout, Palanahalli and Surrounding areas in Ward No.05

Item No	Description of work	Unit	Qty	Remarks
1	Removing and Refixing stone slabs of drains and pointing in C.M (1:3) with all lead and lift and as per the direction of Engineer in-charge.	Sqm	207.41	Work done upto the Billed Quantity and the Quality is Satisfactory
2	KSRRB300 - Excavation for road, drains and similar works ,KSRRB300-1 : Earthwork excavation by manual means in ordinary soil involving as average horizontal throw upto 2 mters and an average lifts upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled	cum	542.41	Work done upto the Billed Quantity and the Quality is Satisfactory
3	providng granite slabs of selecting quality roughly dressed having a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc., complete with all lead and lifts and as per the direction of Engineer in-charge.	sqm	119.53	Work done upto the Billed Quantity and the Quality is Satisfactory
4	KSRB M2100-10 : Providing and laying plain cement concrete of Mix 1:3:6 with OPC @ 220kgs,with crushed 40mm and down size graded granite mental coarse aggregate @ 0.89 cum and fine aggregate @ 0.46 cum, in foundation mechanically mixed , placed in foundation and compacted by	cum	315.47	Work done upto the Billed Quantity and the Quality is Satisfactory
5	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering,	cum	128.05	Work done upto the Billed Quantity and the Quality is Satisfactory
6	KSRRB M 2200-6 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps,	Tonne	9.76	Work done upto the Billed Quantity and the Quality is Satisfactory
7	KSRB 5.2-3: Providing and constructing granite / trap / baslt size stone masonary in foundation with cement mortar, stone hammered dressed in course not less then 20 cms high, bond stones at 2m, apart in each course including cost materials, labour, curing complete as per specifications.	cum	9.16	Work done upto the Billed Quantity and the Quality is Satisfactory
8	KSRB 4-1.6: Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC at 240kgs, with 20mm and down size granite metal coarse aggregates at 0.878 cum and fine aggregates at 0.53cum machine mixed,	cum	48.15	Work done upto the Billed Quantity and the Quality is Satisfactory
9	KSRB 5-14: providing and contructing load bearing wall with solid concrete blocks of size 400*150*200mm having block density not lessthen 1800kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185(part):2005 and constructed with 1:4 as per IS	sqm	407.47	Work done upto the Billed Quantity and the Quality is Satisfactory

Scanned by CamScanner

Item No	Description of work	Unit	Qty	Remarks
10	Providing and Fixing RCC pre cast covering Slab of 100mm thick for drains in cement concrete M25 using graded granite jelly 20mm and down size with steel reinforecement , inclunding form work, lift charges, curing and concrete finishined surfaces on both sides etc., complete as per drawing and the	sqm	0.00	Work done upto the Billed Quantity and the Quality is Satisfactory
11	Providing and Fixing pre cast covering Slab 250mm thick made out of M25 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of all materials, labour,hire charges of machinery,	sqm	36.75	Work done upto the Billed Quantity and the Quality is Satisfactory
12	KSRRB M300-14. Excavation for roadwork in soil with hydralic excavation of 0.9cum bucket capacity including cutting and loading tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross section , and transportating to the embankment location to a lead of 1	cum	1801.80	Work done upto the Billed Quantity and the Quality is Satisfactory
13	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC , Carriage of mixed materials to work site, spreading in uniform layers with motor grader on	cum	728.66	Work done upto the Billed Quantity and the Quality is Satisfactory
14	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with	cum	1093.33	Work done upto the Billed Quantity and the Quality is Satisfactory
15	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications with all lead and lift	Cum	20381.10	Work done upto the Billed Quantity and the Quality is Satisfactory
16	KSRRB 500-2 : Cleaning the existing black topped surfce with brooms, soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous treatment including cost of all materials, labour, HOM curing, complete as per specificatioons.	sqm	3715.27	Work done upto the Billed Quantity and the Quality is Satisfactory
17	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per	sqm	24096.36	Work done upto the Billed Quantity and the Quality is Satisfactory
18	KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory	Cum	1018.98	Work done upto the Billed Quantity and the Quality is Satisfactory
19	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth	cum	967.79	Work done upto the Billed Quantity and the Quality is Satisfactory
20	KSRRB M800-13. Road Marking with Hot Applied 'Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising	sqm	814.40	Work done upto the Billed Quantity and the Quality is Satisfactory
21	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to 18:383-2016, with Superplastizer at 3 Its conforming to IS 9103-2008. mixed	Cum	247.70	Work done upto the Billed Quantity and the Quality is Satisfactory
E1	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.-do 10 cm Thick & KSRB 5-8.2 :Providing two line dressing to granite stone slab/granite stone	sqm	50.67	Work done upto the Billed Quantity and the Quality is Satisfactory

Scanned by CamScanner

Item No	Description of work	Unit	Qty	Remarks
E2	Providing and Fixing RCC pre cast covering Slab of 15cm , inclunding cost of reinforcement as per design and drawing material cost, transportation , hire charges of machinary , machine cutting the vertical face to get plain even surface etc.Complete with all leads and lifts conveynce charges , labour	sqm	35.01	Work done upto the Billed Quantity and the Quality is Satisfactory

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 2nd and Final bill

Thanking you,

With Regards,

For Newzen Consultants Bangalore

Scanned by CamScanner